

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method for fabricating an electro-optical sensor, said method comprising:
 - providing a glass substrate comprising an optically smooth top surface and an optically smooth bottom surface;
 - coating the top surface of the glass substrate with a transparent electrode;
 - ~~applying~~ coating a composition of electro-optic sensor material as a layer over the transparent electrode without using a transfer substrate;
 - applying a thin layer of adhesive over the layer of the electro-optic sensor material; and
 - applying a pellicle as a film bearing a dielectric mirror layer to the adhesive layer such that the dielectric mirror layer is substantially optically smooth against the electro-optic sensor material.
2. (Original) The method in claim 1, wherein said electro-optic sensor material is a polymer dispersed liquid crystal (PDLC).
3. (Currently amended) The method according to claim 1 wherein [[the]] the pellicle is applied in a vacuum.
4. (Original) The method according to claim 3 wherein the vacuum is less than 0.8 atmosphere.
5. (Original) The method according to claim 3 wherein the vacuum is between one-half atmosphere and 0.8 atmosphere.

6. (Previously presented) The method according to claim 3 wherein the pellicle progressively engages the adhesive layer while being applied, the pellicle and the adhesive layer being disposed at an angle relative to one another.

7. (Previously presented) The method according to claim 1 wherein the pellicle progressively engages the adhesive layer while being applied, the pellicle and the adhesive layer being disposed at an angle relative to one another.

8. (Original) The method according to claim 7 wherein the vacuum is between one-half atmosphere and 0.8 atmosphere.